

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20050096900"	US-PGPUB; USPAT	OR	ON	2007/05/24 09:59
S2	16	robert.in. AND bossemeyer.in. AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/06/04 11:17
S3	561	william.in. AND williams.in. AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/05/24 10:09
S5	2	(william ADJ williams).in. AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/05/24 10:09
S8	575	(S2 OR S3) AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/05/24 10:43
S10	23	(S2 OR S3) AND 704/219.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/24 16:45
S11	22	S10 NOT S2	US-PGPUB; USPAT	OR	ON	2007/05/24 16:45
S13	3	glottal ADJ event\$3	US-PGPUB; USPAT	OR	ON	2007/05/29 17:09
S14	163	glottal ADJ pulse	US-PGPUB; USPAT	OR	ON	2007/06/06 09:16
S16	142	S14 AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/06/06 09:17
S17	58	S16 AND recognition	US-PGPUB; USPAT	OR	ON	2007/06/06 09:17
S18	164	704/206.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/07 14:43
S19	293	704/208.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/07 14:45
S20	889	704/219.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/07 14:45
S21	534	704/246.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/16 10:33
S22	80	704/247.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/07 15:37
S23	72	704/248.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/16 13:27
S24	104	704/249.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/07 15:37
S25	142	704/250.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/07 15:38
S26	187	LPC AND glottal	US-PGPUB; USPAT	OR	ON	2007/06/07 16:01
S27	175	S26 AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/06/07 16:01

EAST Search History

S28	75	S27 and recognition	US-PGPUB; USPAT	OR	ON	2007/06/07 16:09
S29	163	glottal ADJ pulse	US-PGPUB; USPAT	OR	ON	2007/06/07 16:09
S30	142	S29 AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/06/07 16:09
S31	58	S30 AND recognition	US-PGPUB; USPAT	OR	ON	2007/06/07 16:09
S33	2080	(S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25) NOT (S31 OR S28)	US-PGPUB; USPAT	OR	ON	2007/06/07 16:12
S34	163	glottal ADJ pulse	US-PGPUB; USPAT	OR	ON	2007/06/08 07:27
S35	163	glottal ADJ pulse	US-PGPUB; USPAT	OR	ON	2007/06/08 07:28
S36	142	S35 AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/06/08 07:28
S37	58	S36 AND recognition	US-PGPUB; USPAT	OR	ON	2007/06/08 07:28
S38	187	LPC AND glottal	US-PGPUB; USPAT	OR	ON	2007/06/08 07:28
S39	175	S38 AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/06/08 07:28
S40	75	S39 and recognition	US-PGPUB; USPAT	OR	ON	2007/06/08 07:28
S41	58	S36 AND recognition	US-PGPUB; USPAT	OR	ON	2007/06/08 07:57
S42	44	S40 NOT S37	US-PGPUB; USPAT	OR	ON	2007/06/08 07:57
S43	75	S39 and recognition	US-PGPUB; USPAT	OR	ON	2007/06/08 07:57

EAST Search History

S44	209	(US-20050096900-\$ or US-20070094021-\$ or US-20070100631-\$ or US-20070100629-\$ or US-20060217966-\$ or US-20050222842-\$ or US-20050171774-\$ or US-20050154584-\$ or US-20050071154-\$ or US-20050049856-\$ or US-20040153317-\$ or US-20040002856-\$ or US-20030158728-\$ or US-20030078768-\$ or US-20030004718-\$ or US-20020193994-\$ or US-20020173949-\$ or US-20020026315-\$ or US-20010051871-\$ or US-20060074678-\$ or US-20060074677-\$ or US-20060009975-\$ or US-20050131681-\$ or US-20040243404-\$ or US-20040210439-\$ or US-20040073427-\$).did. or (US-20030065506-\$ or US-20030097260-\$ or US-20020120450-\$ or US-20010044722-\$ or US-20020049594-\$ or US-20010023396-\$ or US-20070101313-\$ or US-20060098809-\$ or US-20060089959-\$ or US-20060089958-\$ or US-20050117762-\$ or US-20050090897-\$ or US-20040057586-\$ or US-20040024455-\$ or US-20030167077-\$ or US-20070100608-\$ or US-20060149532-\$ or US-20050278167-\$ or US-20020143526-\$ or US-20010021905-\$ or US-20010010039-\$ or US-20050060153-\$ or US-20050246168-\$ or US-20050125227-\$ or US-20040083100-\$ or US-20020085451-\$ or US-20040073428-\$).did. or (US-20040030555-\$ or US-20030097254-\$ or US-20020184012-\$).did. or (US-6564181-\$ or US-5623609-\$ or US-5163110-\$ or US-4401850-\$ or US-4276445-\$ or US-4004006-\$ or	US-PGPUB; USPAT	OR	ON	2007/06/13 10:57
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EAST Search History

S49	9	S44 AND (704/246.ccls. OR 704/247.ccls. OR 704/248.ccls. OR 704/249.ccls. OR 704/250.ccls.)	US-PGPUB; USPAT	OR	ON	2007/06/13 11:01
S50	1	glottal ADJ event	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 16:05
S51	1	glott\$2 ADJ event\$1	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:29
S52	5	glott\$2 AND LPC	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:30
S53	3	o'shaughnessy AND cheng AND (glottal ADJ closure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 16:06
S54	574	704/207.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/13 16:32
S55	214	704/273.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/13 16:22
S56	589	704/235.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/13 16:22
S57	534	704/246.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/13 16:22
S58	1278	S54 OR S55 OR S57	US-PGPUB; USPAT	OR	ON	2007/06/13 16:22
S59	1278	S58 or S57	US-PGPUB; USPAT	OR	ON	2007/06/13 16:23
S60	1843	S58 or S56	US-PGPUB; USPAT	OR	ON	2007/06/13 16:26
S61	84	S59 AND glott\$2	US-PGPUB; USPAT	OR	ON	2007/06/13 16:26
S62	293	704/208.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/13 16:33
S63	129	704/208.ccls. AND recogni\$4	US-PGPUB; USPAT	OR	ON	2007/06/13 16:33

EAST Search History

S65	25	("4401855" "4862503" "4959865" "5171930" "5251261" "5326349" "5454375" "5473726" "5522013" "5528726" "5573012" "5659658" "5668925" "5717828" "5729694" "5794203" "6006175" "6055499" "6081776" "6240386" "6411925" "6415253" "6526139" "6526376" "6560575").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 08:05
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EAST Search History

S66	300	(US-20020032563-\$ or US-20040193406-\$ or US-20050278167-\$ or US-20050060153-\$ or US-20020065649-\$ or US-20070094021-\$ or US-20050096900-\$ or US-20060129390-\$ or US-20070054249-\$ or US-20020099541-\$ or US-20050283360-\$ or US-20060074678-\$ or US-20050049856-\$ or US-20050171774-\$ or US-20030078768-\$ or US-20020026315-\$ or US-20060229868-\$ or US-20020085451-\$ or US-20070100608-\$ or US-20040083100-\$ or US-20020184012-\$ or US-20020143526-\$ or US-20010021905-\$ or US-20030171936-\$ or US-20030026436-\$ or US-20040005064-\$).did. or (US-20030163316-\$ or US-20040005065-\$ or US-20040022392-\$ or US-20040099126-\$ or US-20050008144-\$ or US-20050190069-\$ or US-20050246168-\$ or US-20030097254-\$ or US-20050033126-\$ or US-20020099412-\$ or US-20060217967-\$ or US-20050008145-\$ or US-20050287911-\$ or US-20020131604-\$ or US-20070111173-\$ or US-20030046036-\$ or US-20050102135-\$ or US-20030088417-\$ or US-20030028376-\$ or US-20030069729-\$ or US-20040179697-\$ or US-20060190257-\$ or US-20020059071-\$).did. or (US-H002172-\$ or US-6411933-\$ or US-6349277-\$ or US-6125344-\$ or US-6047254-\$ or US-6026357-\$ or US-5963895-\$ or US-5799276-\$ or US-5933808-\$ or US-5864795-\$ or US-5671330-\$ or US-5774836-\$ or US-5666466-\$ or US-5696873-\$ or US-5381512-\$ or US-5495555-\$ or US-5054072-\$ or US-4561102-\$ or US-4797975-\$ or US-4764445-\$ or	US-PGPUB; USPAT	OR	ON	2007/06/14 11:10
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EAST Search History

S67	8	S66 and 704/246.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/14 16:07
S68	27	pitch AND (glottal ADJ cycle) AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/06/14 15:32
S69	1	S68 AND 704/246.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/14 15:32
S70	0	S68 AND 704/247.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/14 15:32
S71	0	S68 AND 704/248.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/14 15:32
S72	0	S68 AND 704/249.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/14 15:32
S73	2	S68 AND 704/250.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/14 15:39
S74	39	(704/246.ccls. OR 704/247.ccls. OR 704/248.ccls. OR 704/249.ccls. OR 704/250) AND ((pitch ADJ period) OR (pitch ADJ cycle))	US-PGPUB; USPAT	OR	ON	2007/06/14 15:41

EAST Search History

S75	300	(US-20020032563-\$ or US-20040193406-\$ or US-20050278167-\$ or US-20050060153-\$ or US-20020065649-\$ or US-20070094021-\$ or US-20050096900-\$ or US-20060129390-\$ or US-20070054249-\$ or US-20020099541-\$ or US-20050283360-\$ or US-20060074678-\$ or US-20050049856-\$ or US-20050171774-\$ or US-20030078768-\$ or US-20020026315-\$ or US-20060229868-\$ or US-20020085451-\$ or US-20070100608-\$ or US-20040083100-\$ or US-20020184012-\$ or US-20020143526-\$ or US-20010021905-\$ or US-20030171936-\$ or US-20030026436-\$ or US-20040005064-\$).did. or (US-20030163316-\$ or US-20040005065-\$ or US-20040022392-\$ or US-20040099126-\$ or US-20050008144-\$ or US-20050190069-\$ or US-20050246168-\$ or US-20030097254-\$ or US-20050033126-\$ or US-20020099412-\$ or US-20060217967-\$ or US-20050008145-\$ or US-20050287911-\$ or US-20020131604-\$ or US-20070111173-\$ or US-20030046036-\$ or US-20050102135-\$ or US-20030088417-\$ or US-20030028376-\$ or US-20030069729-\$ or US-20040179697-\$ or US-20060190257-\$ or US-20020059071-\$).did. or (US-H002172-\$ or US-6411933-\$ or US-6349277-\$ or US-6125344-\$ or US-6047254-\$ or US-6026357-\$ or US-5963895-\$ or US-5799276-\$ or US-5933808-\$ or US-5864795-\$ or US-5671330-\$ or US-5774836-\$ or US-5666466-\$ or US-5696873-\$ or US-5381512-\$ or US-5495555-\$ or US-5054072-\$ or US-4561102-\$ or US-4792975-\$ or US-4276445-\$ or	US-PGPUB; USPAT	OR	ON	2007/06/14 16:07
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EAST Search History

S76	8	S75 and 704/246.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/14 16:07
S77	68	S76 OR S74 OR S68	US-PGPUB; USPAT	OR	ON	2007/06/14 16:08
S78	164	glottal ADJ pulse	US-PGPUB; USPAT	OR	ON	2007/06/19 15:48
S79	28	glottal ADJ cycle	US-PGPUB; USPAT	OR	ON	2007/06/19 15:48
S80	3	glottal ADJ event	US-PGPUB; USPAT	OR	ON	2007/06/19 15:49
S81	45	glottal ADJ waveform	US-PGPUB; USPAT	OR	ON	2007/06/19 15:49
S82	957	glottic OR glotidean OR glotide OR glottis	US-PGPUB; USPAT	OR	ON	2007/06/19 17:15
S83	2169	pitch ADJ period	US-PGPUB; USPAT	OR	ON	2007/06/19 15:50
S84	487	pitch ADJ cycle	US-PGPUB; USPAT	OR	ON	2007/06/19 15:50
S85	6533	LPC	US-PGPUB; USPAT	OR	ON	2007/06/19 15:50
S86	26624	(voice ADJ recognition) OR (speaker ADJ verification) OR (speaker ADJ identification)	US-PGPUB; USPAT	OR	ON	2007/06/19 15:51
S87	2018	(S83 OR S84) AND compar\$4	US-PGPUB; USPAT	OR	ON	2007/06/19 17:15
S88	219	S78 OR S79 OR S80 OR S81	US-PGPUB; USPAT	OR	ON	2007/06/19 16:10
S89	1546	(S83 OR S84) AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/06/27 16:19
S90	1248	S87 AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/06/19 17:17
S91	89	S88 AND S89 AND S90	US-PGPUB; USPAT	OR	ON	2007/06/19 16:18
S92	1	S91 and 704/246.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/19 16:24
S93	77	glottal ADJ excitation	US-PGPUB; USPAT	OR	ON	2007/06/19 17:22
S94	144	S91 OR S93	US-PGPUB; USPAT	OR	ON	2007/06/19 16:25
S95	22	S91 AND S93	US-PGPUB; USPAT	OR	ON	2007/06/19 17:01
S96	431	704/246.ccls. AND (locat\$3 OR detect\$3)	US-PGPUB; USPAT	OR	ON	2007/06/19 17:02

EAST Search History

S97	2	S96 and S88	US-PGPUB; USPAT	OR	ON	2007/06/19 17:02
S98	219	S78 OR S79 OR S80 OR S81	US-PGPUB; USPAT	OR	ON	2007/06/19 17:15
S99	265	S93 or S98	US-PGPUB; USPAT	OR	ON	2007/06/19 17:22
S10 0	2169	pitch ADJ period	US-PGPUB; USPAT	OR	ON	2007/06/20 12:58
S10 1	487	pitch ADJ cycle	US-PGPUB; USPAT	OR	ON	2007/06/20 12:58
S10 2	2018	(S100 OR S101) AND compar\$4	US-PGPUB; USPAT	OR	ON	2007/06/20 12:58
S10 3	164	glottal ADJ pulse	US-PGPUB; USPAT	OR	ON	2007/06/20 12:59
S10 4	28	glottal ADJ cycle	US-PGPUB; USPAT	OR	ON	2007/06/20 12:59
S10 5	3	glottal ADJ event	US-PGPUB; USPAT	OR	ON	2007/06/20 12:59
S10 6	45	glottal ADJ waveform	US-PGPUB; USPAT	OR	ON	2007/06/20 12:59
S10 7	77	glottal ADJ excitation	US-PGPUB; USPAT	OR	ON	2007/06/20 12:59
S10 8	219	S103 OR S104 OR S105 OR S106	US-PGPUB; USPAT	OR	ON	2007/06/20 13:19
S11 2	265	S107 or S108	US-PGPUB; USPAT	OR	ON	2007/06/20 13:00
S11 7	1546	(S100 OR S101) AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/06/20 13:04
S11 9	164	glottal ADJ pulse	US-PGPUB; USPAT	OR	ON	2007/06/21 08:08
S12 0	28	glottal ADJ cycle	US-PGPUB; USPAT	OR	ON	2007/06/21 08:08
S12 1	3	glottal ADJ event	US-PGPUB; USPAT	OR	ON	2007/06/21 08:08
S12 2	45	glottal ADJ waveform	US-PGPUB; USPAT	OR	ON	2007/06/21 08:08
S12 3	219	S119 OR S120 OR S121 OR S122	US-PGPUB; USPAT	OR	ON	2007/06/21 08:08
S12 4	77	glottal ADJ excitation	US-PGPUB; USPAT	OR	ON	2007/06/21 08:09
S12 5	265	S124 or S123	US-PGPUB; USPAT	OR	ON	2007/06/21 08:09
S12 6	2172	pitch ADJ period	US-PGPUB; USPAT	OR	ON	2007/06/21 08:09

EAST Search History

S12 7	487	pitch ADJ cycle	US-PGPUB; USPAT	OR	ON	2007/06/21 08:09
S12 8	2021	(S126 OR S127) AND compar\$4	US-PGPUB; USPAT	OR	ON	2007/06/27 18:06
S12 9	1249	S128 AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/06/21 08:09
S13 0	431	704/246.ccls. AND (locat\$3 OR detect\$3)	US-PGPUB; USPAT	OR	ON	2007/06/21 08:09
S13 1	60	biometric AND 704/246.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/25 09:08
S13 2	3	S131 and glott\$3	US-PGPUB; USPAT	OR	ON	2007/06/21 11:25
S13 3	474	glott\$3 AND (locat\$3 OR detect\$3 OR identif\$8) AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/06/21 11:27
S13 4	117	S133 AND (704/246.ccls. OR 704/219.ccls OR 704/207-209.ccls. OR 704/237-239.ccls OR 704/273. ccls OR 704/235.ccls.)	US-PGPUB; USPAT	OR	ON	2007/06/21 11:29
S13 5	285	(pitch ADJ synchron\$5) AND "704". clas.	US-PGPUB; USPAT	OR	ON	2007/06/22 10:30
S13 6	2	(pitch ADJ synchron\$5) AND 704/246.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/22 10:29
S13 7	1	("20070100620").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/25 09:08
S13 8	25	("4561102").URPN.	USPAT	OR	ON	2007/06/26 16:52
S13 9	9	("3511932" "3770892" "3940565" "4561102" "4809331" "4862503" "5091948" "5479564").PN. OR ("6470308"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 16:53
S14 0	9	("3511932" "3770892" "3940565" "4561102" "4809331" "4862503" "5091948" "5479564").PN. OR ("6470308"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 15:40
S15 3	18	("3456080" "3466394" "3700815" "3989896" "4403114" "4581755").PN. OR ("5091948"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 15:56
S15 4	14	("4078154" "5054085" "5091948" "5457769" "5522012").PN. OR ("5666466"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 15:58
S15 5	2175	pitch ADJ period	US-PGPUB; USPAT	OR	ON	2007/06/27 16:19

EAST Search History

S15 6	487	pitch ADJ cycle	US-PGPUB; USPAT	OR	ON	2007/06/27 16:19
S15 7	1549	(S155 OR S156) AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/06/27 16:19
S15 8	22	S157 AND 704/246.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/27 16:19
S15 9	4	S158 and glott\$3	US-PGPUB; USPAT	OR	ON	2007/06/27 16:20
S16 0	22	("3466394" "3509280" "3700815").PN. OR ("4032711"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 16:21
S16 1	60	("3991271" "4013837" "4020285" "4100370" "4468204" "4534056" "4590604" "4797672" "4821027" "4864642" "4865072" "5023901" "5054083" "5127043" "5142565" "5216720" "5245694" "5265191" "5297194" "5365574" "5414755" "5461697" "5499288" "5502759" "5623539" "5625747" "5666466" "5774525" "5774858").PN. OR ("5913196").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 16:34
S16 2	18	("3456080" "3466394" "3700815" "3989896" "4403114" "4581755").PN. OR ("5091948"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 16:37
S16 3	9	GCI and "704".clas.	US-PGPUB; USPAT	OR	ON	2007/06/27 17:42
S16 4	4	704/207.ccls. AND 704/246.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/27 17:42
S16 5	19	("5444673").PN. OR ("5704009"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 17:44
S16 6	2175	pitch ADJ period	US-PGPUB; USPAT	OR	ON	2007/06/27 18:06
S16 7	487	pitch ADJ cycle	US-PGPUB; USPAT	OR	ON	2007/06/27 18:06
S16 8	2024	(S166 OR S167) AND compar\$4	US-PGPUB; USPAT	OR	ON	2007/06/27 18:06
S16 9	1251	S168 and "704".clas.	US-PGPUB; USPAT	OR	ON	2007/06/27 18:06
S17 0	188	detect\$3 AND glottal AND (pulse OR closure) AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/06/27 18:27
S17 1	3	S170 AND 704/246.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/27 18:27

EAST Search History

S17 2	8	hermansky.in. AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/06/28 10:24
S17 3	103	704/261.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/28 14:09
S17 4	51	(glottal ADJ closure) AND "704". clas.	US-PGPUB; USPAT	OR	ON	2007/07/02 11:41
S17 5	24	S174 AND LPC	US-PGPUB; USPAT	OR	ON	2007/07/02 14:58
S17 6	9	GCI and "704".clas.	US-PGPUB; USPAT	OR	ON	2007/07/02 14:58
S17 7	1	glottal ADJ event	FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/03 17:12
S17 8	8	("3456080" "3466394" "3700815" "3989896" "4403114" "4581755").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/06 14:14
S18 2	0	LPC and "704".clas.	USOCR	OR	ON	2007/07/06 14:28
S18 3	183	LPC and "704".clas. and @pd<="19900101"	USPAT; USOCR	OR	ON	2007/07/06 14:30
S18 4	38	LPC and "704".clas. and @pd<="19850101"	USPAT; USOCR	OR	ON	2007/07/06 14:30
S18 5	10	("5091948").URPN.	USPAT	OR	ON	2007/07/06 14:37
S18 6	506	LPC AND residual AND square AND error AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/07/10 14:48
S18 7	336	LPC AND residual AND square AND error AND "704".clas. AND pulse	US-PGPUB; USPAT	OR	ON	2007/07/10 14:48
S18 8	18	("4520499").URPN.	USPAT	OR	ON	2007/07/10 18:21
S19 3	9	glottal AND pulse AND 704/246-250.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/11 16:00
S19 4	6	"5577160"	US-PGPUB; USPAT	OR	ON	2007/07/11 16:01
S19 5	25	("4561102").URPN.	USPAT	OR	ON	2007/07/16 09:52
S19 6	0	S195 and 704/246-250.ccls.	USPAT	OR	ON	2007/07/16 09:52
S19 7	3	S195 AND ((voice OR speaker) NEAR (recognition OR identification OR verification))	USPAT	OR	ON	2007/07/16 09:55
S19 8	3	S195 AND ((voice OR speaker) NEAR (recogn\$5 OR identif\$7 OR verif\$7))	USPAT	OR	ON	2007/07/16 09:58

EAST Search History

S19 9	634	(pitch NEAR5 (detect\$4 OR determin\$5)) AND (time ADJ domain)	USPAT	OR	ON	2007/07/16 09:59
S20 0	393	S199 and "704".clas.	USPAT	OR	ON	2007/07/16 09:59
S20 1	262	S200 AND LPC	USPAT	OR	ON	2007/07/16 10:00
S20 2	32	S201 AND ((voice or speaker) NEAR (recogn\$5 OR identif\$7 OR verif\$7))	USPAT	OR	ON	2007/07/16 10:11
S20 3	1	"3553372".pn.	USPAT	OR	ON	2007/07/16 10:11
S20 4	541	704/246.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/16 10:33
S20 5	33	S204 AND (time ADJ domain)	US-PGPUB; USPAT	OR	ON	2007/07/16 10:36
S20 6	215	704/273.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/16 10:41
S20 7	27	S206 AND (time ADJ domain)	US-PGPUB; USPAT	OR	ON	2007/07/16 11:11
S20 8	4886	"704".clas. AND ((voice OR speaker) NEAR (recogn\$5 OR identif\$7 OR verif\$7))	US-PGPUB; USPAT	OR	ON	2007/07/16 11:11
S20 9	1689	S208 AND (digitiz\$3 OR A/D)	US-PGPUB; USPAT	OR	ON	2007/07/16 11:12
S21 0	304	S209 and voiced	US-PGPUB; USPAT	OR	ON	2007/07/16 11:12
S21 1	159	S210 and pitch	US-PGPUB; USPAT	OR	ON	2007/07/16 11:13
S21 2	11	S211 AND 704/246-250.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/16 11:13
S21 3	18	("3456080" "3466394" "3700815" "3989896" "4403114" "4581755").PN. OR ("5091948").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/16 11:14
S21 4	1	"5121428".pn.	US-PGPUB; USPAT	OR	ON	2007/07/16 14:36
S21 5	16	("4336421").PN. OR ("5121428").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/16 14:20
S21 6	2935	time AND domain AND speaker AND verification AND system	US-PGPUB; USPAT	OR	ON	2007/07/16 14:36
S21 7	479	S216 and "704".clas.	US-PGPUB; USPAT	OR	ON	2007/07/16 14:37
S21 8	161	S217 AND ((analog-to-digital ADJ converter) OR (A/D ADJ converter))	US-PGPUB; USPAT	OR	ON	2007/07/16 14:37

EAST Search History

S21 9	30	S218 AND (voiced ADJ speech)	US-PGPUB; USPAT	OR	ON	2007/07/16 14:42
S22 0	13	valery.in. AND (petrushin OR pertrushin) AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/07/16 14:42

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	"5577160"	US-PGPUB; USPAT	OR	ON	2007/07/11 16:07
S2	8	("3649765" "4142067" "4922539").PN. OR ("5577160").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 16:27
S3	25	(impulse ADJ response) AND 704/246-250.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 16:17
S4	1	"5577160".PN.	DERWENT	OR	ON	2007/07/11 16:28
S5	2	glottal ADJ pulse ADJ response	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/11 17:18
S6	8	(vocal ADJ tract)NEAR response	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/11 17:19
S7	90	(vocal ADJ tract)NEAR response	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 17:22
S8	86	S7 AND "704".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 17:22
S10	6	S7 and 704/246-250.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/11 18:12
S11	4	(glottal ADJ waveform) AND ((speaker OR voice) NEAR (identification OR verification OR recognition))	US-PGPUB; USPAT	OR	ON	2007/07/12 10:38
S12	0	(glottal ADJ waveform) AND ((speaker OR voice) NEAR (identification OR verification OR recognition))	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 10:36
S13	0	(glottal ADJ pulse) NEAR event	US-PGPUB; USPAT	OR	ON	2007/07/12 10:36
S14	28	glottal ADJ cycle	US-PGPUB; USPAT	OR	ON	2007/07/12 10:39
S15	28	(glottal ADJ waveform) AND detect\$3	US-PGPUB; USPAT	OR	ON	2007/07/12 18:00
S16	28	(glottal ADJ waveform) AND match\$3	US-PGPUB; USPAT	OR	ON	2007/07/12 19:57
S17	900	acoustic ADJ waveform	US-PGPUB; USPAT	OR	ON	2007/07/12 19:58

EAST Search History

S18	5	closed NEAR glottis NEAR interval	US-PGPUB; USPAT	OR	ON	2007/07/12 20:12
S19	0	(isolate NEAR one) SAME (pitch NEAR period)	US-PGPUB; USPAT	OR	ON	2007/07/12 20:13
S20	707	GCI	US-PGPUB; USPAT	OR	ON	2007/07/12 20:13
S21	927	IGC	US-PGPUB; USPAT	OR	ON	2007/07/12 20:13
S22	184	S17 and "704".clas.	US-PGPUB; USPAT	OR	ON	2007/07/12 20:13
S23	9	S20 and "704".clas.	US-PGPUB; USPAT	OR	ON	2007/07/12 20:16
S24	0	S21 AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/07/12 20:13
S25	11	detect\$3 NEAR (glottal ADJ pulse)	US-PGPUB; USPAT	OR	ON	2007/07/12 20:17
S26	88	closed NEAR5 glottis	US-PGPUB; USPAT	OR	ON	2007/07/12 20:20
S28	27	S26 AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/07/12 20:21
S30	3459	(voice ADJ print) OR voiceprint	US-PGPUB; USPAT	OR	ON	2007/07/12 20:22
S31	322	S30 AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/07/12 20:22
S32	63	S31 and waveform	US-PGPUB; USPAT	OR	ON	2007/07/12 20:30
S33	999	(vocal ADJ tract) AND waveform	US-PGPUB; USPAT	OR	ON	2007/07/12 20:31
S34	849	S33 AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/07/12 20:31
S35	439	S34 and (recognition OR verification OR identification)	US-PGPUB; USPAT	OR	ON	2007/07/12 20:32
S36	296	S35 AND match\$3	US-PGPUB; USPAT	OR	ON	2007/07/12 20:33
S37	292	S36 AND (voice OR speaker)	US-PGPUB; USPAT	OR	ON	2007/07/12 20:35
S38	203	S37 AND pitch AND detect\$3	US-PGPUB; USPAT	OR	ON	2007/07/12 20:39
S39	2	isolat\$3 NEAR (pitch ADJ period) AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/07/12 20:45
S40	258	((acoustic OR voice) ADJ waveform) AND (recognition OR identification OR verification) AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/07/12 20:47

EAST Search History

S41	250	((acoustic OR voice) ADJ waveform) AND (recognition OR identification OR verification) AND (speaker OR voice) AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/07/12 20:48
S42	121	(acoustic ADJ waveform) AND (recognition OR identification OR verification) AND (speaker OR voice) AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/07/12 20:48
S43	135	(voice ADJ waveform) AND (recognition OR identification OR verification) AND (speaker OR voice) AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/07/12 20:51
S44	21	((vocal ADJ tract) NEAR response NEAR (impulse OR pulse)) AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/07/12 21:06
S45	1330	((divid\$3 OR separat\$3) NEAR waveform) AND period AND (impulse OR pulse)	US-PGPUB; USPAT	OR	ON	2007/07/12 21:07
S46	64	S45 AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/07/12 21:09
S47	1958	704/207.ccls. 704/219.ccls. 704/261.ccls. 704/272.ccls. 704/273.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/12 21:10
S48	1107	S47 AND period	US-PGPUB; USPAT	OR	ON	2007/07/12 21:10
S49	638	S48 AND waveform	US-PGPUB; USPAT	OR	ON	2007/07/12 21:10
S50	462	S49 and (impulse OR pulse)	US-PGPUB; USPAT	OR	ON	2007/07/12 21:11
S51	217	S50 AND (vocal ADJ tract)	US-PGPUB; USPAT	OR	ON	2007/07/12 21:11
S52	1	10/768946	US-PGPUB; USPAT	OR	ON	2007/07/12 21:40